

ANALYSIS REPORT

Report Date: 08/24/2009



**ATTN: Scott Lewis
Cedar Hills Subdivision
101 North Main Street
Beaver Dam, KY 42320**

**Sample ID: 3772
Sample Date: 08/18/2009**

Effluent

| Analysis Date | Method | Analyst | Test | Results |
|-----------------------|----------|---------|--------------------|---------|
| 08/22/2009 @ 10:30 | SM 5520B | DM | Total Oil & Grease | <5 mg/L |

Submitted By: _____

Christopher P. H.

(PLEASE COMPLETE THIS PAGE IF OTHER THAN DOMESTIC WASTEWATER IS DISCHARGED)

| XI. COOLING WATER ADDITIVES AND THEIR COMPOSITIONS | | |
|--|-------------|----------------------|
| Additive | Composition | Concentration (mg/l) |
| | | |
| | | |
| | | |

XII. EFFLUENT CHARACTERISTICS

Please place values in the table provided.

A. Indicate results of analysis for pollutants listed below.

| POLLUTANT/PARAMETER | MAX DAILY VALUE | AVG DAILY VALUE | NUMBER OF SAMPLES |
|---------------------------|-----------------|-----------------|-------------------|
| ✓ BOD ₅ | 2 | 2 | 1/month |
| ✓ TOTAL SUSPENDED SOLIDS | 4 | 4 | 1/month |
| ✓ FECAL COLIFORM | 1 | 1 | 1/month |
| ✓ TOTAL RESIDUAL CHLORINE | 0.00 | 0.00 | 1/month |
| OIL AND GREASE | Not on permit | < 5 mg/L | 1/month |
| CHEMICAL OXYGEN DEMAND | 7.4 | 7.4 | |
| TOTAL ORGANIC CARBON | | | |
| ✓ AMMONIA | .79 | .79 | 1/month |
| ✓ DISCHARGE FLOW | .0196 | .0196 | daily |
| ✓ PH | 7.59 | 7.59 | 1/month |
| TEMPERATURE (WINTER) | | | |
| TEMPERATURE (SUMMER) | 18.1°C | | |

B. Frequency and duration of flow:

All year 7 days a week

XIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| | |
|--|--|
| NAME AND OFFICIAL TITLE (type or print): | TELEPHONE NUMBER (area code and number): |
| Scott Lewis President | 270-274-0441 |
| SIGNATURE | DATE |
| Scott Lewis | 06/24/09 |



NAME
ADDRESS
CITY
STATE
ZIP

FACILITY
LOCATION
OWNER

PERMIT NUMBER
DISCHARGE NUMBER
MONITORING PERIOD
FROM
TO
YEAR
MO
DAY

MINOR
MAJOR
F - FINAL
SANITARY WASTEWATER
EFFLUENT
NOTE: Read Instructions before completing this form.

| PARAMETER | X | QUANTITY OR LOADING | | | QUALITY OR CONCENTRATION | | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|--------------------|---|-----------------|--------|--------------------------|-----------|---------|--------|---|-------------|-----------------------|-------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | | |
| OXYGEN, DISSOLVED (DO) | SAMPLE MEASUREMENT | ***** | ***** | | | ***** | ***** | (17) | 0 | ONCE/ MONTH | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 7.2 | ***** | ***** | | 0 | ONCE/ MONTH | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | INST MIN | ***** | ***** | | 0 | ONCE/ MONTH | GRAB | |
| PH | SAMPLE MEASUREMENT | ***** | ***** | | | ***** | ***** | (12) | 0 | ONCE/ MONTH | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 7.51 | ***** | 7.51 | (12) | 0 | ONCE/ MONTH | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 6.0 | ***** | 9.0 | | 0 | ONCE/ MONTH | GRAB | |
| DOAOD 1 0 0 | SAMPLE MEASUREMENT | | | (26) | ***** | | | (19) | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | 0.62 | 0.62 | | ***** | 3 | 3 | | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | 11.8 | 23.6 | LB/DY | ***** | 30 | 60 | (17) | 0 | ONCE/ MONTH | COMPOS | |
| EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | | | (26) | ***** | | | (17) | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | 1.81 | 7.84 | LB/DY | ***** | 8.78 | 8.78 | (17) | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | 3.72 | 7.84 | LB/DY | ***** | 10 | 20 | | 0 | ONCE/ MONTH | COMPOS | |
| THRU TREATMENT PLANT | SAMPLE MEASUREMENT | | | (03) | ***** | ***** | ***** | | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | 0.0248 | 0.0248 | | ***** | ***** | ***** | | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | REPORT 30DA AVG | REPORT INBT MAX | MGD | ***** | ***** | ***** | | 0 | ONCE/ MONTH | COMPOS | |
| EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | | | (17) | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 0.99 | 0.99 | 0.99 | (17) | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 0.911 | 0.911 | 0.911 | | 0 | ONCE/ MONTH | COMPOS | |
| GENERAL | SAMPLE MEASUREMENT | ***** | ***** | | ***** | | | (13) | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | ***** | ***** | | 0 | ONCE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | ***** | ***** | | 0 | ONCE/ MONTH | COMPOS | |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | | | | | | | | | | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | | TELEPHONE | | DATE | | | | |
| | | | | | | | | | | | | |
| COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) | | | | | | | | | | | | |

